



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 35] नई दिल्ली, शनिवार, अगस्त 30, 1980 (भाद्रपद 8, 1902)

No. 35] NEW DELHI, SATURDAY, AUGUST 30, 1980 (BHADRA 8, 1902)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 30th August 1980

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed  
under Section 135 of the Act.

24th July, 1980

844/Cal/80. CSR Limited. Sorting apparatus. (July 24,  
1979).

845/Cal/80. ISC Alloys Limited. Boiler for molten metals.  
(July 24, 1979).

846/Cal/80. Union Carbide Corporation. Improved homologation process for the production of ethanol from  
methanol.

847/Cal/80. Kiepe Elektrik GMBH. Electrical disconnecting  
mechanism.

848/Cal/80. Gosudarstvenny Nauchno-Issledovatel'sky Energetichesky Institut Imeni G.M.M. Krzhizhanovskogo.  
Flat-type solar energy collector.

849/Cal/80. Shin-Etsu Chemical Company Limited. Improvement  
in the polymerization process of vinyl chloride.

850/Cal/80. Societe Lab. Improvements in or relating to  
centrifugal separators.

851/Cal/80. Societe DE Paris ET DU Rhone. Rotary mem-  
ber made of plastics material, such as fan.

852/Cal/80. Unshudo Company Limited. Abacus.

25th July, 1980

853/Cal/80. Tecumseh Products Company. Split crankcase  
radial automotive compressor.

854/Cal/80. C. O. A. Ekman. Burning solid fuel. (August  
10, 1979).

855/Cal/80. The Carborundum Company. Hard granular ac-  
tivated carbon manufactured from sub-bituminous  
coal treated with dilute solution of saturated al-  
iphatic monocarboxylic acid.

856/Cal/80. Mr. Mukulch Mitra. Improvements in or relat-  
ing to electric arc preventing devices.

857/Cal/80. SES, Incorporated. Electrode for photovoltaic  
cell.

858/Cal/80. Hitachi Construction Machinery Co. Ltd. Frame  
structure for construction vehicles.

859/Cal/80. Siemens Aktiengesellschaft. Cable fitting with a  
plug-in element.

26th July, 1980

860/Cal/80. Kanetsu Kogyo Kabushiki Kaisha. Switchable  
permanent magnet holding device.

861/Cal/80. Dr. R. Swanson. Process for conversion of coal  
to gaseous hydrocarbons.

28th July, 1980

862/Cal/80. Buhler-Miag GmbH. Sifter for flowable mate-  
rial.

863/Cal/80. Linde Aktiengesellschaft. Method of decoking a  
cracking plant.

864/Cal/80. Siemens Aktiengesellschaft. Electrical switch-  
gear.

865/Cal/80. Silver Seiko Ltd. Collapsible knitting machine.

29th July, 1980

866/Cal/80. V. M. Trivedi. Device for self-gripping and hold-  
ing of paper or the like sheet material.

867/Cal/80. Nanhtachimie S. A. Production of copolymers of  
propylene and but-1-ene.

868/Cal/80. Siemens Aktiengesellschaft. N, N'-bis-salicyloyl-hydrazine as a metal deactivator.

869/Cal/80. Siemens Aktiengesellschaft. A time slot multiple circuit for the selective establishment of connections in a T.D.M. digital telecommunications system.

870/Cal/80. Nitrokemia Ipartelepek. Antidote-containing compositions for combatting weeds.

871/Cal/80. Nitrokemia Ipartelepek. Herbicidal antidote compositions.

30th July, 1980

872/Cal/80. Amsted Industries Incorporated. Warpage gage.

873/Cal/80. Stauffer Chemical Company. Method for oil-treating insoluble sulfur.

874/Cal/80. Combustion Engineering, Inc. Rib design for boiler tubes.

875/Cal/80. Combustion Engineering, Inc. Heat exchanger tube support.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, SARASWATI MARG, KAROL BAGH, NEW DELHI-110005.

9th June, 1980

423/DEL/80. K. L. Bhasin, "An Overhead Shutter."

424/DEL/80. Antonio Ruggeri, "A Sedimentation Tank."

10th June, 1980

425/DEL/80. Council of Scientific & Industrial Research, "An improved method for the preparation of IR *cis*, 2, 2-dimethyl-3 (2-hydroxy-2-carboxypropyl) cyclopropanecarboxylic acid from car-4-ene-3-ol."

426/DEL/80. Council of Scientific & Industrial Research, "A method for the preparation of Y-lactone of IR *cis*, 2, 2-dimethyl 3-hydroxy methyl cyclopropane carboxylic acid from methyl ir *cis*, 2, 2-dimethyl-3-(2-oxopropyl) cyclopropane carboxylate."

427/DEL/80. Usiness Lambiotte, "Gasification Process for Carbon-Containing Materials."

428/DEL/80. Halcon Research and Development Corporation, "Dehydration of Ethanol to Ethylene."

429/DEL/80. Union Carbide Corporation, "Nonaqueous Cells Employing Heat-Treated MnO<sub>2</sub> Cathodes."

430/DEL/80. Michael John Wendy, "Valves." (June 26, 1979).

431/DEL/80. Dr. Sneh Anand & Prof. Sujoy Kumar Guha, "Micrometer Attachments for the Blind."

11th June, 1980

432/DEL/80. Prof. J. N. Gaur & Dr. P. L. Sharma, "Producing Electricity from Buffalo-Dungs."

433/DEL/80. Bjoern Lyng, "Improvements in or relating to, a Code type Lock."

434/DEL/80. National Research & Development, INC, "Process for producing an Acetylene Base Fuel Gas."

12th June, 1980.

435/DEL/80. Coronation Sporting Ball Company, "Improvements relating to Inflatable Balls."

436/DEL/80. Bharat Heavy Electricals Limited, "Improvements in or relating to an Universal Tensioning Device for Winding of Conductors of Electrical Machines." [Addition to 729/Cal/79].

437/DEL/80. Automotive Products Limited, "Improvements in Ball and Socket Joints." (July 5, 1979).

13th June, 1980

438/DEL/80. Imperial Chemical Industries Limited, "Cementitious Product." (June 26, 1979 & May 2, 1980).

439/DEL/80. Pont-A-Mousson S.A., "Improvements in or relating to Centrifugal Casting."

440/DFL/80. Sat Paul Singh Bakshi, "Carpet Clipping Machine."

16th June, 1980.

441/DEL/80. The Jay Engineering Works Ltd., "Self Lubrication system of Bush Bearing in Vertically mounted small or Fractional Horse Power Electric Motors."

442/DEL/80. Union Carbide Corporation, "Cathode Collectors for Nonaqueous Cell having a Metal Oxide Catalyst."

443/DEL/80. Council of Scientific & Industrial Research, "Synthesis of Novel 1st Row Transition Metal Amine Complexes as potential Anti-Allergic Agents."

444/DEL/80. Council of Scientific & Industrial Research, "A process for the manufacture of Sodium hydrosulfite via Ferrous hydrosulphite."

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

22nd July, 1980

136/Mas/80. S. Swaminathan, Secondary tail gas control. (Divisional date, April, 24, 1979).

23rd July, 1980

137/Mas/80. A. P. Aboobacker, Safety snuff, without-tobacco.

ALTERATION OF DATE

147968

1144/Cal/79. Ante-dated the 18th December, 1978.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 128G.

Int. Cl.-A61b 17/42.

A TOOL FOR INSERTING AN INTRAUTERINE DEVICE.

*Applicant:* FUJI LATEX COMPANY LIMITED, OF 19-1, 3-CHOME, KANDA NISHIKI-CHO, CHIYODA-KU, TOKYO, JAPAN.

*Inventor:* TADAO OKAMOTO.

Application No. 556/Cal/78 filed May 24, 1978.

Complete Specification left December 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

A tool for inserting an intrauterine device, comprising an intrauterine inserting portion at the upper end thereof and a handle portion at the lower end thereof, said intrauterine inserting portion being formed of a flexible and elastic material such as synthesized resin, an aperture being provided at the top portion of said intrauterine inserting portion where the end portion of said intrauterine device is attached and held, and a thread passage being provided in the longitudinal direction of said intrauterine inserting portion to guide the thread portion of said intrauterine device.

Specn. 16 Pages. Comp. Specn. 16 pages. Drg. 3 Sheets

CLASS 128G. 147968.

Int. Cl.-A61b 17/42.

## AN IMPROVED INTRAUTERINE DEVICE.

Applicant : FUJI LATEX COMPANY LIMITED, OF 19-1, 3-CHOME, KANDA NISHIKI-CHO, CHIYODA-KU, TOKYO, JAPAN.

Inventor : TADAO OKAMOTO.

Application No. 1144/Cal/79 filed November 2, 1979.

Division of application No. 556/Cal/78 filed December 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims. No drawings.

An improved intrauterine device comprising a stem, a plurality of arms projecting from opposite sides of said stem and being flexible about the point of jointure therewith, said arms being biased for presenting the longitudinal axes thereof at an angle of 90° and below with the longitudinal axis of said stem, and said stem incorporating a relatively thin elongate portion extending in a direction remote from said arms.

Comp. Specn. 16 Pages. Drgs. Nil.  
CLASS 32B & 140B. 147969.

Int. Cl.-C07c 7/00.

## A METHOD OF REMOVING ACIDS FROM LIQUID HYDROCARBONS.

Applicant : UOP INC., AT TEN UOP PLAZA ALGONQUIN AND MT. PROSPECT ROADS, DES PLAINES, ILLINOIS, U.S.A.

Inventor : THOMAS ACE VERACHTERT.

Application No. 311/Del/78 filed April 27, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

## 15 Claims.

A method of removing acids from liquid hydrocarbons, comprising:

(a) mixing an aqueous base such as herein described with the hydrocarbon;

(b) charging the mixture from step (a) into a coalescing bed of a hydrophilic media;

(c) separating in said bed a hydrocarbon phase and a separate aqueous phase; and,

(d) recovering from said bed as a product of the process by known methods a hydrocarbon phase containing a reduced acid content.

Comp. Specn. 26 Pages. Drg. 1 Sheet.  
CLASS 190C. 147970.

Int. Cl.-F01d 15/08.

## HYDRAULIC MACHINE.

Applicant : ATELIERS DES CHARMILLES S.A., AT 109, RUE DE LYON, GENEVA, SWITZERLAND.

Inventor : MICHEL FAUCONNET.

Application No. 487/Del/78 filed June 28, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

## 8 Claims.

A hydraulic machine having a turbine and a pump orientated for the same direction of rotation and comprising a casing connected to an upper inlet pipe, blades interposed between the casing and the turbine and pump wheel, the turbine and the pump being mounted, spaced one from the other, on a common shaft and their respective inlet being oriented in opposite directions, and including a pump inverter housed at least partially inside the casing and provided with an internal separating wall dividing it into 2 chambers, one of which constitutes the volute of the turbine in which the pump inverter discharges.

Comp. specn. 17 Pages.

Drg. 8 Sheets.

CLASS 70A & B.

147971.

Int. Cl.-B01k 3/00.

## A RECHARGEABLE ELECTROCHEMICAL GENERATOR.

Applicant : YARDNEY ELECTRIC CORPORATION, OF 82 MECHANIC STREET, PAWCATUCK, CONNECTICUT 062891, UNITED STATES OF AMERICA.

Inventors : ALDO SALVATORE BERCHIELLI AND ROLAND FERNAND CHIREAU.

Application No. 1128/Cal/77 filed July 22, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims. No drawings.

A rechargeable electrochemical generator having a negative electrode comprising a relatively electronegative zinc electrode material which is in essentially elemental metallic form in a charged state of said generator, a positive electrode comprising a relatively electropositive electrode material in oxidized form in said charged state, an alkaline electrolyte in electrochemical contact with said electrodes, and an inorganic titanate compound as hereinafter defined dispersed in said zinc electrode material in an amount between 0.2% by weight and 1.8% by weight of the weight of said zinc electrode material in an uncharged state.

Comp. Specn. 16 Pages.

Drgs. Nil.

CLASS 39M.

147972.

Int. Cl.-C01b 25/32, 35/00.

## A PROCESS FOR THE FABRICATION OF A MOLDED ARTICLE.

Applicant : ASHLAND OIL, INC., AT P.O. BOX 391, ASHLAND, KENTUCKY 41101, U.S.A.

Inventors : JOHN J. GARDIKES AND RICHARD H. TOENISKOETTER.

Application No. 142/Del/78 filed February 22, 1978.

## 21 Claims. No drawings.

A process for the fabrication of a molded article such as herein described which comprises :

(a) admixing an aggregate such as herein described with a bonding amount of up to 40% by weight of a composition which comprises in admixture boronated hydrogen aluminium phosphate containing a mole ratio of phosphorus to aluminium of 2 : 1 to 5 : 1 and from 3 to 40 mole percent of boron based on the moles of aluminium, and water wherein the amount of aluminium phosphate is from 50 to 95% by weight based upon the total weight of aluminium phosphate and water and the amount of water is from 50 to 50% by weight based upon the total of aluminium phosphate and water;

(b) introducing the mixture obtained from step (a) into a mold of pattern;

(c) flowing a curing gas selected from the group of ammonia, amine gases, and mixtures thereof through the mixture from step (a) for a time at least sufficient for the mix to become self-supporting; and

(d) removing the shaped product of step (c) from the mold or pattern.

Comp. Specn. 26 Pages.

Drgs. Nil.

CLASS 27L.

147973.

Int. Cl.-F16 s 3/02, E02d 5/30.

**AN IMPROVED DEVICE FOR END-TO-END CONNECTION OF ELONGATED CONCRETE ELEMENTS.**

Applicant & Inventor : FRANK OTTO SILVANDER, OF RICHERTSGATAN 10, S-312 50 GOTEBORG, SWEDEN.

Application No. 447/Del/78 filed June 15, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

12 Claims.

An improved device for end-to-end connection of elongated concrete elements such as concrete piles intended for ground reinforcement, said concrete elements having embedded therein reinforcement rods extending lengthwise through said elements, connecting elements for joining together the ends of said concrete elements, the improvement comprising a coupling member provided on each end of said reinforcement rods, said connecting element having means for interconnecting reinforcement rods disposed in alignment with their end faces facing each other, said means being operative to transmit tension forces occurring in said concrete elements directly from a reinforcement rod disposed in one concrete element to the reinforcement rod disposed in one concrete element to the reinforcement rod of the oppositely disposed concrete element and for permitting relative axial displacement of said reinforcement rods to each other upon the occurrence of a compression force on one of the concrete elements.

Comp. Specn. 18 Pages.

Digs. 5 Sheets.

CLASS 156G.

147974.

Int. Cl.-E03b 5/00.

**ANIMAL DRIVEN BELLOW-PUMP-SET FOR IRRIGATION FROM SHALLOW WELLS.**

Application & Inventor : MALLAKAL PAUL GEORGE, BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PHULANI, RAJASTHAN STATE, INDIA.

Application No. 251/Del/78 filed April 6, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

An animal drive bellow-pump-set for irrigation from shallow wells comprising a pair of bellow-pumps submerged and fitted under water in a shallow well and driven by means of animal power supplied through a horizontal radial arm and a vertical crank-shaft, the arrangement being such that when an animal yoked to the radial arm moves about the well the rotary motion is transmitted into the well by means of the crank-shaft coupled with the radial arm and the crank-shaft being vertically positioned inside the well by a cup bearing at the bottom of the well and a bush bearing fixed to a long beam which diametrically spans and well at the ground level; and the lower part of the crank-shaft being crank shaped and connected to a pair of connecting rods which link with the moving parts of the said bellow-pumps; and the two output pipes from the two bellow-pumps being joined to form a common delivery pipe for the pump-set to deliver water to the required height.

Comp. Specn. 4 Pages.

Drg. 1 Sheet.

CLASS 131C.

147975.

Int. Cl.-E21d 11/00.

**PROCESS FOR THE PROTECTION OF THE SURFACE OF TERRAIN IN MINE GALLERIES.**

Applicant : S.A.F.I. CELTITE, OF 8 BLD. CARNOT-21009 DIJON CEDEX, FRANCE.

Inventor : ROLAN PABAN.

Application No. 488/Del/77 filed December 20, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings.

Process for the protection of the surface of the terrain in mine galleries from deterioration due to the surrounding atmosphere, characterized by the operation of spraying onto the wall to be protected a fluid mixture of aminoplast resin

powder and water and of leaving the resin to gel on the spot, thus forming a continuous insulating lining coating.

Comp. Specn. 8 Pages.

Drgs. N°

CLASS 63E.

147976.

Int. Cl.-H02k 9/00.

**REVERSE FLOW CO. I FD DYNAMOELECTRIC MACHINE.**

Applicant : GENERAL ELECTRIC COMPANY, ONE RIVER ROAD, SCHENECTADY, NEW YORK, UNITED STATES OF AMERICA.

Inventors : ANTHONY FRANCIS ARMOR, JAMES BROWNLEE ARCHIBALD AND WILLIAM LEE DARBY.

Application No. 544/Cal/77 filed April 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A reverse flow dynamoelectric machine comprising a stator assembly including a core having axially spaced radial cooling passages disposed therein; a rotor disposed within the interior of said stator and defining therewith a circumferential gas gap a fan and guide vane assembly including :

at least one fan comprising a plurality of radial fan blades attached to said rotor and adapted to circulate cooling gas axially outwardly from said gas gap to a cooling means and therefrom to said stator and said gas gap; at least one guide vane assembly disposed inboard of said fan and upstream thereof for directing cooling gas toward said fan with optimum efficiency and including : an outer guide vane support ring in fixed but removable relation to said stator assembly, a plurality of airfoil sectioned guide vanes depending inwardly from said outer guide vane support ring; and an inner guide vane support ring affixed to the inwardly depending ends of said guide vanes; said guide vane assembly being fabricated from non-magnetic material incapable of supporting electrical currents and surrounding a portion of said rotor; at least one removable annular fan rub strip affixed to said stator assembly surrounding the exterior of each said fan and in close proximity thereto sufficient to minimize gas flow leakage between said fan and said rub ring;

an annular flow guide ring affixed to said stator assembly downstream of the last fan offset in said rotor and providing a portion of a smooth channel for providing a smooth gas flow downstream of said guide vane and said fan assembly.

Comp. Specn. 7 Pages.

Drg. 2 Sheets.

CLASS 151B.

147977.

Int. Cl. B08b 9/02 B 24C 3/32.

**ROTO BLAST TYPE PIPE CLEANING TOOL.**

Applicants: METALLIZING EQUIPMENT CO., 5TH CHOPASNI ROAD, JODHPUR-342003, RAJASTHAN.

Inventors : (1) SURESH CHAND MODI & (2) MADHO DASS MODI.

Application No. 574/Del/78 filed August 3, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

Rotoblast type pipe cleaning tool comprising a tubular housing provided inside with a rotatable spindle supported by means of self-lubricating sealed bearing situated near its two ends for smooth rotation of said spindle, the extended front end of the spindle being firmly attached with a nozzle head which is rotatable when air is discharged via said spindle through at least two tangential diagonally placed opposite nozzles provided in the nozzle head, the bores of which communicate with the bore of said tubular spindle by means of curved bores; a rubber lined nipple being attached to a coupler at the rear end of the said nozzle head by turning the nipple in addition to connecting it with the supply hose; a tungsten carbide washer being mounted in-between and in contact with the rear face of the tubular spindle and the adjacent face of the rubber lining of said nipple; a combined brake-cum-governor means being provided around the tubular spindle and mounted at

the front end of the tool housing for steady speed; the tool being further provided with an adjustable centering means mounted on the housing for positioning the tool in the centre of the pipe.

Comp. Specns. 7 pages and Drawing 1 Sheet.

#### OPPOSITION PROCEEDINGS

An opposition has been entered by Pressure Cookers & Appliances Ltd., to the grant of a Patent on application No. 147308 made by Manik Metals & Trading Co. Private Limited.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

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147456 147457 147458 147460 147461 147462 147463 147464  
147466 147468 147469 147470

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#### PATENTS SEALED

110987 143586 143657 144145 144753 144757 144809 144932  
145695 145813 145823 145855 145906 145935 146687 146693  
146705 146742 146768 146829 146832 146902 146913 146914

#### PATENTS DEEMED TO BE ENDORSED WITH THE WORDS LICENCES OF RIGHT

The following is the list of Patents deemed to be endorsed with the words "Licences of right" under the provisions of Section 87 of the Patents Act, 1970. The dates in the crescent brackets are the dates of Patents.

No.	Title of the invention
114367 (10.2.67)	An electrode, process for the manufacture of the same and the electrolytic process for the preparation of chemical products using the electrode and a mixture of materials for use on a conductive base for the manufacture of the electrode.
123485 (6.2.68)	An electrode process for the manufacture of the same and the electrolyte process for the preparation of chemical products using the electrode.

#### RENEWAL FEES PAID

100890 100919 101003 101110 101218 101245 101399 101430  
101705 101720 101758 105279 105280 105954 106426 106518  
106536 106550 106560 106604 106618 106639 106746 106930  
107009 107012 107090 107108 107279 107396 111170 111713  
111800 111829 111831 111855 111886 111904 111907 111998  
112074 112077 112096 112112 112117 112146 112174 112367  
113734 115035 115091 116509 116655 117018 117150 117165  
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146608 146630 146631 146647 146655 146708

#### RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 143300 granted to IMS limited for an invention relating to "a medical device for use in alimentation." The patent ceased on the 12th December, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 31st May, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 30th October 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 143469 granted to the Council of Scientific and Industrial Research, for an invention relating to "a process for the production of barium calcium petroleum sulphonates useful as detergent-dispersant additives for motor oils." The patent ceased on the 26th June, 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent to be notified in the Gazette of India, Part-III, Section 2 dated the 16th August, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 30th October 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 144711 granted to F. L. Smidh & Co., A/S for an invention relating to "improvements relating to the method and plant for calcination of pulverous materials." The patent ceased on the 24th January, 1980 due to non-payment of renewal fees within the prescribed time and the cessation of the patent to be notified in the Gazette of India, Part-III, Section 2 dated the 16th August, 1980.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 30th October 1980 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the

Opponent's interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 4. No. 149116. Charulata Janardan Sawant, trading as Rajesh Associates, 1, Raja Market, New Nagardas Road, Andheri (E), Bombay-400069, Maharashtra, India. "Concrete Sleeper". 26th December, 1979.

Class 4. No. 149475. Ved Parkash of Gulshan Material Corporation, 1890, Gali Ghante Wali, Chandni Chowk, Delhi-6. "Bottle". April 22, 1980.

#### EXTENSION OF COPYRIGHT FOR THE 2ND PERIOD OF FIVE YEAR

Nos. 142509, 142512, 142513, 144366, 144367, 144368, 144369, 144744.	Class 1.
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Nos. 142510, 142514, 142515, 142977, 144340.	Class 3.
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Nos. 142500, 142511, 142516, 142517,	Class 4,
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No. 142976.	Class 10
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#### EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS.

No. 137754.	Class 3.
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No. 137682.	Class 4.
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S. VEDARAMAN,  
Controller General of Patents,  
Designs and Trade Marks.